

Approved For Release : CIA-RDP70-00058R000100110021-5
"America's Human Resources to Meet the Scientific Challenge."
Sponsored by The President's Committee on Scientists and Engineers
and The William Benton Foundation
Yale University, Feb. 3-4, 1958

Sunday, Feb. 2
FOR IMMEDIATE
RELEASE

SCIENTIFIC RESOURCES CONFERENCE OPENING AT YALE ON MONDAY

NEW HAVEN, Conn. -- "America's Human Resources to Meet the Scientific Challenge" will be examined by a cross-section of the nation's leadership at a two-day national conference sponsored by President Eisenhower's Committee on Scientists and Engineers and The William Benton Foundation, which opens at Yale University on Monday.

The conferees -- who include several of the scientists who made important contributions to the successful orbiting of the first American satellite -- are being asked to examine the competitive position of the United States in world science and technology.

The conference is bringing together key representatives of American science, education, industry, labor, government, religious and minority groups, and the nation's public communications media.

Principal speakers are Allen W. Dulles, Director of the Central Intelligence Agency, who will describe "The Soviet Challenge" to this nation, and Dr. James R. Killian, Jr., Special Assistant to the President for Science and Technology, discussing steps needed "Toward a New Level of Excellence".

Other speakers include: Dr. Alan T. Waterman, Director of the National Science Foundation; Dr. Lee A. DuBridge, President of California Institute of Technology, and Mr. William Benton, President of The Benton Foundation. Dr. A. Whitney Griswold, President of Yale, will welcome the conferees to the campus.

(MORE)

Governor Abraham A. Ribicoff of Connecticut will speak briefly at a conference luncheon Monday which will be chaired by Dr. Eric A. Walker, President of Pennsylvania State University. Dr. A. N. Jorgensen, President of the University of Connecticut, is to be chairman of a breakfast meeting Tuesday. The Reverend Theodore M. Hesburgh, President of the University of Notre Dame, will chair the final luncheon session Tuesday.

Dr. Howard L. Bevis, Chairman of the President's Committee, says of the conference:

"Our future well-being -- indeed, our survival -- depends upon the speed and dedication with which we employ the nation's best minds to produce trained, educated and thinking citizens who will man the new and great frontiers of the space age.

"The times demand far more than narrow application of American scientific effort to purely military needs. We must mobilize our intellectual resources to meet the total challenge of the scientific revolution that is reshaping the world. We look for guidance to the men and women who are meeting at Yale. They are representative of a broad cross-section of America's leadership."

Dr. Bevis says the Committee welcomes the cooperation of the Benton Foundation. He recalled that Mr. Benton, former Assistant Secretary of State, and now Chairman of the Encyclopedia Britannica, had been among the first to recognize the Soviet challenge to U. S. science leadership, and to see that Russia's intensive education in science and technology would outstrip U. S. training of manpower in these fields.

(MORE)

The conference is designed to produce a high degree of participation through round table discussions the first day on these topics:

1. "Understanding the Nature of the Soviet Threat" CHAIRMAN: Thomas K. Finletter, partner, Coudert Brothers; Max Ascoli, Editor and Publisher, The Reporter; James B. Austin, Vice President for Research and Technology, United States Steel Corporation; Mr. Frank H. Bartholomew, President, United Press Associations; Mr. William Benton, President, The William Benton Foundation; Mr. Lloyd V. Berkner, President, Associated Universities, Inc.; Dr. Robert T. Beyer, Associate Professor of Physics, Brown University; Mr. Barry Bingham, Publisher, Louisville Courier Journal; Dr. Victor L. Butterfield, President, Wesleyan University; Mr. Frank Conniff, Associate Editor, The Washington Star; Mr. Nicholas DeWitt, Russian Research Center, Harvard University; Mr. Douglas Ewing, Vice President, Research and Engineering, N.B.C.; Dr. Max Femmer, International Business Machines Research Center; Morris D. Friedman, Maurice Friedman, Inc., Lexington, Mass.; Dr. T. Keith Glennan, President, Case Institute of Technology; Mr. Jess Gorkin, Editor, Parade Magazine; Dr. Alex Inkeles, Russian Research Center, Harvard University; Dr. Alex Korol, Center for International Studies, M.I.T.; Clarence H. Linder, Vice President, Engineering Services, General Electric Co.; Dr. Quigg Newton, President, University of Colorado; Mr. Theodore S. Repplier, President, Advertising Council, Inc.; Dr. Walt Whitman Rostow, Center for International Studies, M.I.T.; Dr. Wilbur L. Schramm, Institute for Communications Research, Stanford University; Dr. Herbert Scoville, Jr., Asst. Director, Central Intelligence Agency; R. C. Tucker, Rand Corp., Washington, D.C.; Dr. John Turkevich, Professor of Chemistry, Princeton University; Dr. Eric A. Walker, President, Pennsylvania State University;

2. "The Scientific Revolution: Challenge and Promise" CHAIRMAN: Dr. Harrison Brown, Department of Geochemistry, California Institute of Technology; Dr. Joseph W. Barker, President, Research Corporation of America, New York; Mr. Robert Cairns, Assistant Director of Research, Hercules Powder Company, Wilmington; Mr. Thomas H. Chilton, Technical Director, Engineering Department, E. I. duPont de Nemours and Company; Mr. Clark A. Dunn, President Elect, National Society of Professional Engineers; Mr. Richard Eells, Consultant, Public Policy Research, General Electric Company; Dr. James Franck, Professor Emeritus of Chemistry, University of Chicago; Mr. R. Buckminster Fuller, President, Geodesics, Inc., Detroit; Dr. Lincoln Gordon, Professor, International Economic Relations, Harvard Business School; Honorable Edith Green, Representative from Oregon, Washington, D. C.; Dr. Reuben Gustavson, President, Resources for the Future, Washington, D. C.; Rev. Theodore M. Hesburgh, President, University of Notre Dame; Dr. William Houston, President, Rice Institute; Dr. Katharine McBride, President, Bryn Mawr College; Rev. Laurence J. McGinley, President, Fordham University; Dr. Eugene Rabinowitch, Editor, Bulletin of the Atomic Scientists, University of Illinois; Dr. Hartley Simpson, Dean, Yale Graduate School; Dr. Morris I. Stein, Associate Professor, Department of Psychology, University of Chicago; Dr. Fred L. Whipple, Director, Astrophysical Observatory, Smithsonian Institution, Cambridge, Mass.; Dr. Dael Wolfle, Executive Officer, American Association for the Advancement of Science, Washington, D. C.;

3. "Educating Future Scientists in a Rounded Educational System" CHAIRMAN: Hon. Lister Hill, U. S. Senator from Alabama; Dr. Arthur S. Adams, President, American Council on Education; Dr. James E. Allen, Jr., Commissioner of Education, New York State; Max Ascoli, Editor and Publisher, The Reporter; Eugene N. Beesley, President, Eli Lilly and Co., Indianapolis; Dr. Carl W. Borgmann, President, University of Vermont; Dr. Maynard M. Boring, Consultant, Engineering Manpower, General Electric Company, New York, Thomas Carskadon, Associate Director, Twentieth Century Fund; Charles H. Chatfield, Secretary, United Aircraft Corp.; Clarence H. Faust, Vice-President, Ford Foundation; D. J.

Forrestal, Director of Public Relations, Monsanto Chemical Company, St. Louis, Mo.; Dr. Edgar Fuller, Exec. Secretary, Council of Chief State School officers, Wash., D. C.; Robert Hoopes, Vice-President, American Council of Learned Societies; Albert C. Jacobs, Pres., Trinity College, Hartford, Conn.; Louis Johnson, Partner, Steptoe and Johnson, Wash., D. C.; A. N. Jorgensen, Pres., University of Conn.; Dr. Harry C. Kelly, Asst. Dir. for Scientific Personnel and Education, National Science Foundation; Dr. Francis Keppel, Dean, Faculty of Education, Harvard University; Dr. F. C. Lindvall, Pres., Amer. Society for Engineering Educ., Chairman, Engineering and Aeronautics Divs., Calif. Institute of Tech; Dr. Richard Meier, University of Michigan; Mrs. Agnes E. Meyer, Author, Wash., D. C.; Dr. R. B. Norman, President, Nat'l Assn. of Secondary-School Principals; Principal, Amarillo Senior High School; Dr. John S. Richardson, Past President, National Science Teachers Assn; Professor of Educ., Ohio State University; Rear Adm. H. G. Rickover, Asst. Chief, Bureau for Nuclear Propulsion; Bureau of Ships, Wash., D. C.; Dr. Anne Roe, Adjunct Professor, New York Univ.; Dr. William Sanders, Commissioner of Education, State Dept. of Education, Hartford, Conn.; Earl P. Stevenson, Chairman of the Board, Arthur D. Little, Inc.; Dr. Ruth Stout, Vice President, National Education Association; Charles A. Thomas, President, Monsanto Chemicals, St. Louis, Mo.; Dr. Oswald Tippo, Chairman, Department of Botany, Yale University;

4. "The Economic Implications of an Adequate Science Program" CHAIRMAN: Alfred C. Neal, President, The Committee for Economic Development; Hon. Richard Bolling, Representative from Missouri, Wash., D. C.; Dr. William Capron, Visiting Asst. Professor of Economics, Stanford University; Thomas H. Carroll, Vice-President for Economics and Business Administration, Ford Foundation; William Chartener, McGraw-Hill Pub. Co., Inc.; John C. Davis, Consultant, International Cooperation Administration; Dr. William C. DeVane, Dean of Yale College; J. Robert Ferguson, Jr., Asst. Vice-President for Engineering, U. S. Steel Corp.; Dr. Eli Ginzberg, Director of Staff Studies, National Manpower Council, Columbia University; William E. Gordon, Arthur D. Little, Inc., Cambridge, Mass.; Dr. Paul Gross, Vice President, Duke University; Dr. James H. Halsey, President, University of Bridgeport; Peter Henley, Asst. Dir. of Research, AFL-CIO; John H. Kauffman, President, Diversy Engineering Co.; George G. Kirstein, Publisher, The Nation; Porter McKeever, Information Director, Committee on Economic Dev.; Dr. R. W. McNamee, Manager, Research Administration, Union Carbide Corp., New York; Dr. Sidney Roth, Coordinator of Research Services, New York Univ.; Dr. S. F. Singer, Dept. of Physics, Univ. of Maryland; Dr. Arthur Smithies, Professor of Economics, Harvard University; Dr. William Whitehouse, President, Albion College; Carroll Wilson, President, Metals and Controls Co., Attleboro, Mass.; Dr. J. C. Werner, President, Carnegie Institute of Technology; Dr. Irving Wolff, Vice President, Research, R. C. A.;

5. "Technological Requirements of the Free World and the Uncommitted Countries" CHAIRMAN: Eric Johnston, President, Motion Picture Association of America; Dr. Walter Bartky, Vice President, University of Chicago; Edward Booher, Vice President, McGraw-Hill Book Co., New York; Dr. Wallace R. Brode, President, American Association for the Advancement of Science; The Science Advisor, Dept. of State; Dr. J. Douglas Brown, Dean of the Faculty, Princeton University; General Hugh J. Casey, Secretary, Schenley Industries, Inc.; C. A. Chayne, Vice President, Engineering Staff, General Motors Tech. Center, Detroit; Walker Cisler, President, The Detroit Edison Company; Dr. Cornelius deKiewiet, President, Rochester, University; Dr. Reuel N. Denney, Professor of Social Science, Univ. of Chicago; Dr. Leon Dostert, Director, Institute of Languages and Linguistics, Georgetown Univ.; D. Hans Speier, Rand Corp., Washington, D. C.; Dr. Harold Stoke, Dean, Graduate School, New York University; George P. Sutton, Rocketdyne Div., North American Aviation; Dr. Bryon K. Trippet, President, Wabash College; Dr. John Wheeler, Palmer Physical Lab., Princeton University; H. Christian Sonne, President, South Ridge Corporation;

6. "Public Understanding of the Scientist" CHAIRMAN; Dr. Jerrold Zacharias, Director, Laboratory for Nuclear Science and Engineering, Massachusetts Institute of Technology; Dr. Samuel Brownell, Superintendent, Detroit Public Schools; Milton Caniff, Cartoonist, New City, N. Y., Allan Chase, President, Filmways, New York; John T. Connor, President, Merck, Inc., Rahway, New Jersey; Watson Davis, Director, Science Service, Washington, D. C.; John C. Doerfer, Chairman, Federal Communications Commission; Dr. J. Ollie Edmunds, President, Stetson University; Rev. Joseph D. Fitzgald, S. J., President, Fairfield University; Dr. James G. Harlow, Exec. Vice-Pres., Frontiers of Science Foundation of Oklahoma, Inc.; Dr. Pendleton Herring, President, Social Science Research Council; James M. Lambie, Jr., Special Assistant, White House, Prof. Harold D. Lasswell, Political Science Dept., Yale University; Louis Lyons, Curator, Nieman Fellowships, Harvard University; Dr. Margaret Mead, Associate Curator of Anthropology, American Museum of Natural History, New York; Maurice B. Mitchell, President, Encyclopedia Britannica Films, Inc., Chicago; Dr. John S. Nicholas, Master of Trumbull College and Sterling Professor of Biology, Yale University; Dr. J. Robert Oppenheimer, Director, Institute for Advanced Studies, Princeton; George E. Probst, Executive Director, Thomas Alva Edison Foundation, Inc.; Dr. Clifford F. Rassweiler, Vice-Chairman, Johns-Manville Sales Corp.; Dr. Laurence H. Snyder, Dean of the Graduate School, Univ. of Oklahoma; Dr. Samuel A. Stouffer, Prof. of Social Relations, Harvard University; Charles Underhill, Staff Director, U. S. Steel Corp., New York; Dr. L. C. Van Atta, Head, Tech. Information and Education, Hughes Aircraft Co., Dr. Alan T. Waterman, Director, National Science Foundation; Dr. Jerome Wiesner, Director, Research Laboratory of Electronics, M.I.T.; Dr. Arnold J. Zurcher, Exec. Dir., Alfred P. Sloan Foundation, Inc.;

The second day's round table discussions will center on:

"Conserving Our Rarest Resource -- Creative Talent." Chairman: Dr. Eric Walker, President, Pennsylvania State University.

"Forty Million Growing Minds -- The Quality of Elementary and Secondary Education." Chairman: Dr. Clarence Faust, Vice President, Ford Foundation.

"The Coming Crisis on the Campus -- Maintaining Standards with Increased Enrollments." Chairman: Dr. Katharine McBride, President, Bryn Mawr College.

"Advanced Training for Superior Talent-- Creative Education and Research." Chairman: Dr. Paul Gross, Vice President, Duke University.

"The conference will examine these problems", Dr. Bevis explains, "with a view to developing proposals which will help the nation to meet scientific requirements on a sustained, long-term basis within the traditions of our democratic system."

"Since a major purpose of the meeting is to help create public understanding of the determined effort necessary to meet long-term science requirements, key representatives of the press, radio and television, and publishing, will be active participants."

The President's Committee on Scientists and Engineers was established by Mr. Eisenhower on April 3, 1956, as an action group to unify and stimulate the nation's efforts to meet the shortage of scientific manpower.